

Claims Listing

1. (currently amended) A projector ~~projection type display apparatus for enlarging and~~ projecting an image onto a projected plane by a projection optical unit, comprising:

an optical device dividing light emitted from a light source into a first light that travels to the projection optical unit and a second light that travels in a direction different from the first light,

~~a projection optical unit for projecting image light onto the projected plane[[,]]~~

~~an optical device for dividing light emitted from a light source into image light that travels to the projection optical unit and unnecessary light that travels outside the projection optical unit[[,]]~~

a holding member ~~for~~ holding the projection optical unit,

~~and~~ a light receiving member ~~for~~ receiving the second ~~unnecessary~~ light, and

a heat insulating member disposed between the light receiving member and the holding member ~~wherein the light receiving member is provided as a member independent of the holding member and is formed of a material different from the holding member.~~

2. (currently amended) The projector ~~apparatus~~ according to Claim 1, wherein the light receiving member is a light absorbing member which includes black aluminum and chromium.

3 (canceled)

4. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 1, wherein the light receiving member is provided with a heat releasing member which includes a heat sink ~~disposed not in direct contact with the holding member.~~

5. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 1, wherein the light receiving member is provided with a heat-releasing member which includes a heat pipe.

Claims 6-7. (Canceled)

8. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 1, wherein the light receiving member is disposed so that the second light reflected by the light receiving member does not proceed to strike the optical device, ~~or the~~ projection optical unit and holding member.

9. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 1, wherein the optical device is a digital micro device that drives a plurality of micro reflecting surfaces and divides incident light into the first light and the second light so that the first light and the second light are symmetric with respect to an optical axis of the incident light.

Claims 10-11 (Canceled)

12. (currently amended) An image display system comprising:
the projector ~~projection type display apparatus~~ according to Claim 1,
and
an image information input apparatus ~~for~~ inputting image information to the
projector ~~projection type display apparatus~~.

13. (currently amended) A projector ~~projection type display apparatus for~~
~~enlarging and~~ projecting an image onto a projected plane by a projection optical unit,
comprising:

an optical device dividing light emitted from a light source into a first light that
travels to the projection optical unit and a second light that travels in a direction different
from the first light, and

~~a projection optical unit for projecting image light onto the projected plane[[,]]~~
~~an optical device for dividing light emitted from a light source into image light~~
~~that travels to the projection optical unit and unnecessary light that travels outside the~~
~~projection optical unit[[,]]~~

a holding member ~~for~~ holding the projection optical unit,
~~wherein~~ the holding member having an opening disposed so as to avoid direct
receipt of the second ~~has such a shape so as not to directly receive, at least, a part of the~~
~~unnecessary light.~~

14. (currently amended) The projector ~~projection type display apparatus~~
according to Claim 13, wherein the optical device is a digital micro device that drives a

plurality of micro reflecting surfaces and divides incident light into the first light and the second light so that the first light and the second light are symmetric with respect to an optical axis of the incident light.

15. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 13, further comprising a light receiving member ~~for receiving the second unnecessary light, wherein said light receiving member is formed of a material different from the holding member~~ which is disposed outside of the holding member.

16. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 15, wherein the light receiving member is a light absorbing member which includes black aluminum or chromium.

17. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 15 ~~16~~, further comprising a heat insulating member disposed between the holding member and the light receiving member ~~wherein the light absorbing member has a color that absorbs light.~~

Claims 18-19 (Canceled)

20. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 15 ~~19~~, wherein the light receiving member is provided with a heat

releasing member which includes a heat sink is connected to a member having a greater heat capacity than the heat releasing member.

21 (currently amended) The projector ~~projection type display apparatus~~ according to Claim 15, wherein the light receiving member is provided with a heat releasing member which includes a heat pipe ~~insulating material is disposed between the light receiving member and the holding member.~~

22. (currently amended) The projector ~~projection type display apparatus~~ according to Claim 15, wherein the light receiving member is disposed so that light reflected by the light receiving member does not proceed to strike the optical device, ~~or the projection optical unit and holding member.~~

Claims 23- 24 (Canceled)

25 (currently amended) An image display system comprising:
the projector ~~projection type display apparatus~~ according to Claim 13, and
an image information input apparatus ~~for inputting image information to the~~
projector ~~projection type display apparatus.~~